Quantitation Report (Qedit)

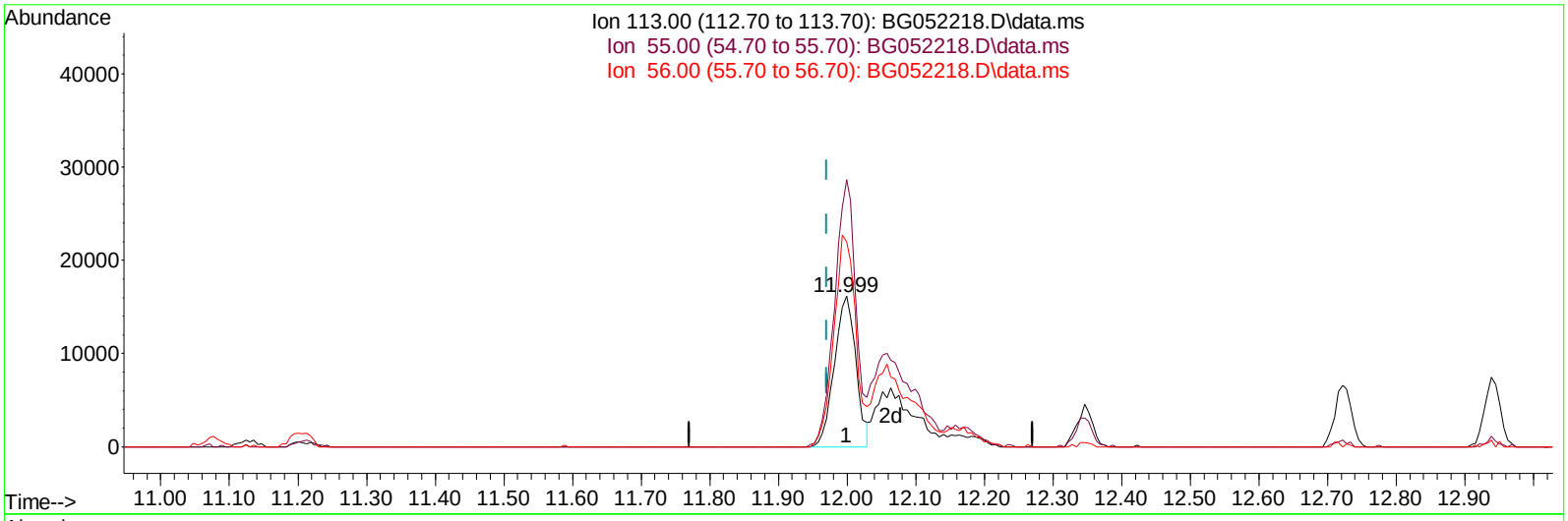
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG013122\
Data File : BG052218.D
Acq On : 31 Jan 2022 16:10
Operator : CG/JU
Sample : SSTD08053
Misc :
ALS Vial : 6 Sample Multiplier: 1

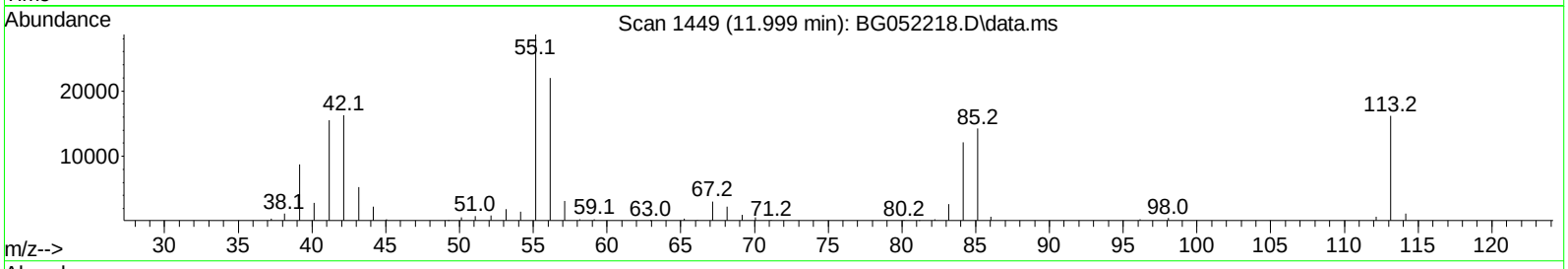
Quant Time: Jan 31 17:10:04 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG013122.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jan 31 15:44:22 2022
Response via : Initial Calibration

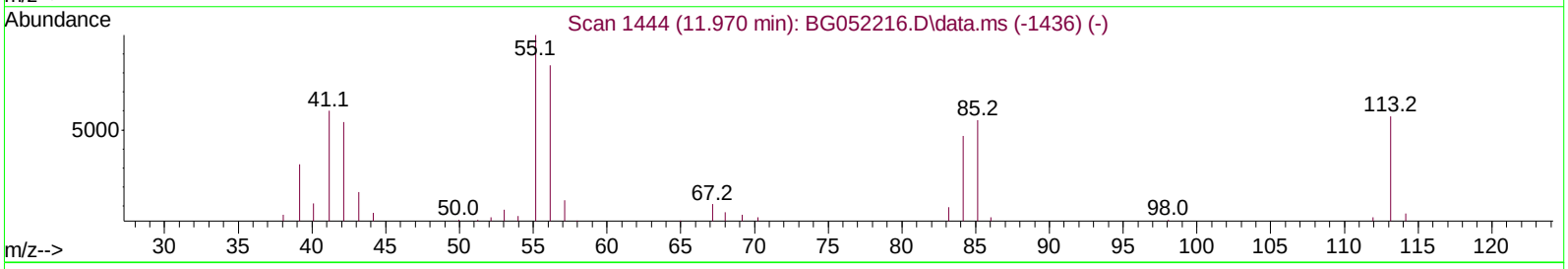
Instrument :
BNA_G
ClientSampleId :
SSTD080404

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 02/01/2022
Supervised By :mohammad ahmed 02/01/2022







TIC: BG052218.D\data.ms

(34) Caprolactam

11.999min (+ 0.029) 38.14 ng/ul

response 35155

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	183.80	177.22
56.00	136.50	136.13
0.00	0.00	0.00

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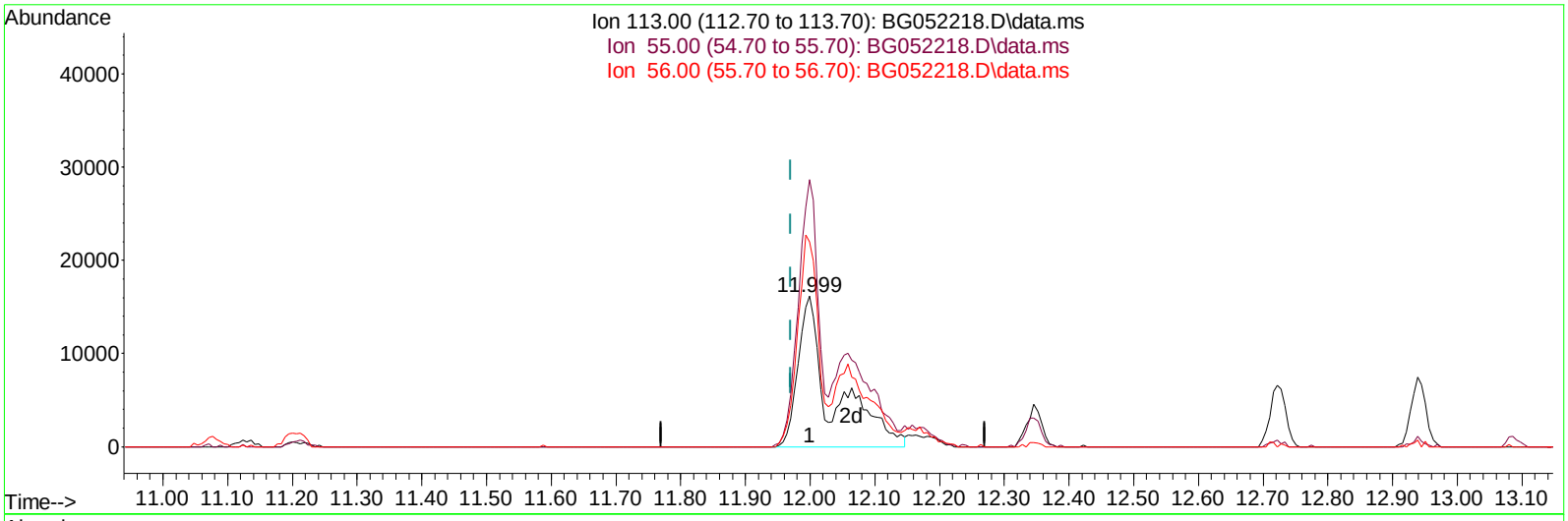

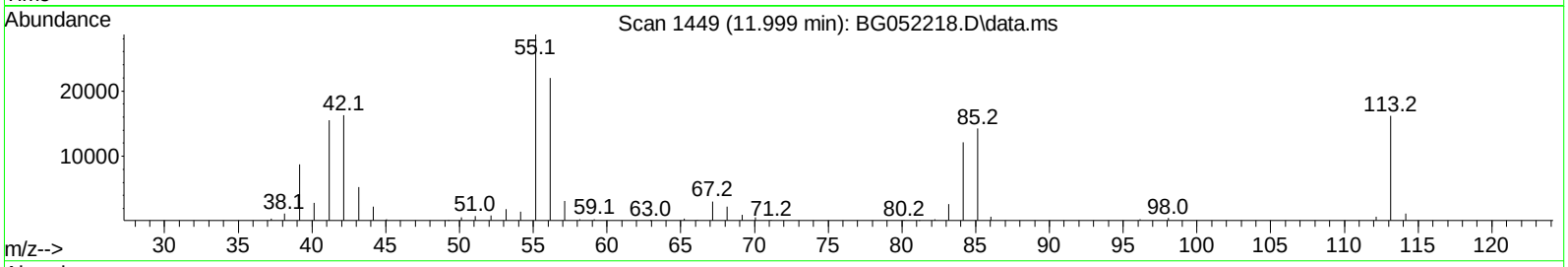

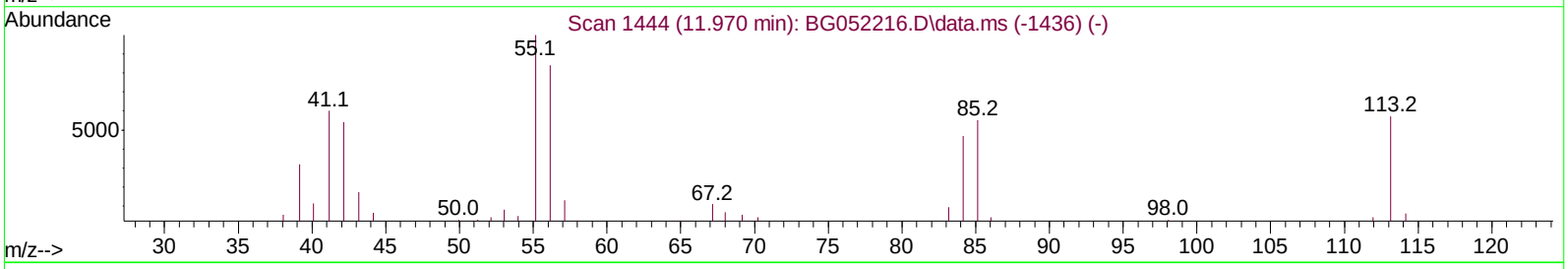

TIC: BG052218.D\data.ms

(34) Caprolactam

11.999min (+ 0.029) 64.41 ng/ul m

response 59371

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	183.80	177.22
56.00	136.50	136.13
0.00	0.00	0.00

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.234	152	34374	20.000	ng/ul		0.00
20) Naphthalene-d8	11.077	136	141187	20.000	ng/ul		0.00
38) Acenaphthene-d10	14.884	164	93192	20.000	ng/ul		0.00
64) Phenanthrene-d10	17.633	188	220345	20.000	ng/ul	#	0.00
79) Chrysene-d12	21.950	240	199913	20.000	ng/ul	#	0.00
88) Perylene-d12	25.428	264	209903	20.000	ng/ul		0.00
System Monitoring Compounds							
3) 1,4-Dioxane-d8	3.564	96	27216	28.292	ng/uL		0.00
4) Pyridine-d5	3.987	84	215572	72.088	ng/ul		0.00
7) Phenol-d5	7.382	99	247254	73.494	ng/ul		0.00
9) Bis-(2-Chloroethyl)eth...	7.546	67	146393	68.546	ng/ul		0.00
11) 2-Chlorophenol-d4	7.770	132	174871	78.507	ng/ul		0.00
15) 4-Methylphenol-d8	8.950	113	187709	71.774	ng/ul		0.01
21) Nitrobenzene-d5	9.415	128	89694	80.398	ng/ul		0.00
24) 2-Nitrophenol-d4	10.143	143	103626	83.986	ng/ul		0.00
28) 2,4-Dichlorophenol-d3	10.695	165	198020	82.107	ng/ul		0.00
31) 4-Chloroaniline-d4	11.206	131	243470	72.491	ng/ul		0.00
46) Dimethylphthalate-d6	14.273	166	566873	73.591	ng/ul		0.00
49) Acenaphthylene-d8	14.578	160	718503	77.218	ng/ul		0.00
54) 4-Nitrophenol-d4	15.077	143	92083	71.500	ng/ul		0.02
60) Fluorene-d10	15.870	176	498956	74.292	ng/ul		0.00
65) 4,6-Dinitro-2-methylph...	15.988	200	111354	80.108	ng/ul		0.00
73) Anthracene-d10	17.733	188	774859	74.130	ng/ul		0.00
81) Pyrene-d10	20.012	212	918344	79.819	ng/ul		0.00
92) Benzo(a)pyrene-d12	25.199	264	881989	79.816	ng/ul		0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.605	88	29423	26.509	ng/uL#		92
5) Pyridine	4.010	79	217601	69.456	ng/ul		98
6) Benzaldehyde	7.358	77	96769	43.240	ng/ul		94
8) Phenol	7.411	94	246121	71.674	ng/ul		93
10) Bis(2-Chloroethyl)ether	7.640	93	182262	72.509	ng/ul		99
12) 2-Chlorophenol	7.799	128	179193	79.080	ng/ul		95
13) 2-Methylphenol	8.680	108	185413	74.252	ng/ul		100
14) 2,2'-oxybis(1-Chloropr...	8.762	45	257218	67.088	ng/ul		97
16) Acetophenone	9.068	105	284745	68.986	ng/ul		97
17) N-Nitroso-di-n-propyla...	9.056	70	168950	67.000	ng/ul		98
18) 4-Methylphenol	9.015	108	192928	71.325	ng/ul		91
19) Hexachloroethane	9.338	117	74139	75.783	ng/ul#		76
22) Nitrobenzene	9.456	77	244361	70.618	ng/ul		98
23) Isophorone	9.990	82	463681	70.876	ng/ul		98
25) 2-Nitrophenol	10.178	139	106263	78.364	ng/ul		94
26) 2,4-Dimethylphenol	10.231	107	220685	75.004	ng/ul		97
27) Bis(2-Chloroethoxy)met...	10.460	93	244814	72.681	ng/ul		99
29) 2,4-Dichlorophenol	10.719	162	183386	77.425	ng/ul		95
30) Naphthalene	11.130	128	582375	76.121	ng/ul		98
32) 4-Chloroaniline	11.230	127	248337	72.554	ng/ul		99
33) Hexachlorobutadiene	11.418	225	148117	78.451	ng/ul		97
34) Caprolactam	11.999	113	59371m	64.405	ng/ul		
35) 4-Chloro-3-methylphenol	12.346	107	202004	73.866	ng/ul		97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.722	142	409322	75.109	ng/ul	98
37) 1-Methylnaphthalene	12.939	142	413120	73.865	ng/ul	96
39) 1,2,4,5-Tetrachloroben...	13.086	216	264992	82.227	ng/ul	98
40) Hexachlorocyclopentadiene	13.068	237	171387	77.505	ng/ul	96
41) 2,4,6-Trichlorophenol	13.321	196	169406	83.169	ng/ul	96
42) 2,4,5-Trichlorophenol	13.397	196	176888	80.559	ng/ul	99
43) 1,1'-Biphenyl	13.715	154	563438	78.316	ng/ul	95
44) 2-Chloronaphthalene	13.767	162	433374	77.780	ng/ul	99
45) 2-Nitroaniline	13.961	65	155157	72.661	ng/ul	93
47) Dimethylphthalate	14.326	163	545702	71.846	ng/ul	99
48) 2,6-Dinitrotoluene	14.449	165	125638	78.452	ng/ul	88
50) Acenaphthylene	14.607	152	696864	76.055	ng/ul	98
51) 3-Nitroaniline	14.778	138	97707	67.447	ng/ul	93
52) Acenaphthene	14.948	153	466090	76.506	ng/ul	95
53) 2,4-Dinitrophenol	14.983	184	73824	78.188	ng/ul	94
55) 4-Nitrophenol	15.089	109	96647	65.395	ng/ul	89
56) Dibenzofuran	15.283	168	656626	74.212	ng/ul	99
57) 2,4-Dinitrotoluene	15.236	165	174613	75.415	ng/ul	95
58) 2,3,4,6-Tetrachlorophenol	15.506	232	161358	79.227	ng/ul#	86
59) Diethylphthalate	15.682	149	563987	71.971	ng/ul	97
61) Fluorene	15.929	166	539051	73.111	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.912	204	301532	73.697	ng/ul	96
63) 4-Nitroaniline	15.947	138	89715	60.277	ng/ul	87
66) 4,6-Dinitro-2-methylph...	16.006	198	108275	81.475	ng/ul#	91
67) N-Nitrosodiphenylamine	16.123	169	476865	80.540	ng/ul	97
68) 4-Bromophenyl-phenylether	16.810	248	212535	82.393	ng/ul#	84
69) Hexachlorobenzene	16.940	284	232156	81.148	ng/ul#	89
70) Atrazine	17.069	200	210796	76.739	ng/ul	98
71) Pentachlorophenol	17.280	266	127329	79.695	ng/ul	95
72) Phenanthrene	17.674	178	883631	76.533	ng/ul	97
74) Anthracene	17.768	178	854004	73.892	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.691	216	298173	90.102	ng/uL	97
76) Pentachlorobenzene	15.207	250	267753	83.131	ng/uL	99
77) Carbazole	18.032	167	774027	74.325	ng/ul	98
78) Di-n-butylphthalate	18.573	149	913190	74.182	ng/ul	99
80) Fluoranthene	19.677	202	1094209	82.297	ng/ul#	91
82) Pyrene	20.041	202	1028000	78.530	ng/ul#	91
83) Butylbenzylphthalate	20.905	149	397666	87.290	ng/ul#	94
84) 3,3'-Dichlorobenzidine	21.827	252	339544	73.577	ng/ul#	98
85) Benzo(a)anthracene	21.933	228	1042183	79.270	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.804	149	563165	84.527	ng/ul#	97
87) Chrysene	22.003	228	993592	78.484	ng/ul	98
89) Di-n-octyl phthalate	23.102	149	945941	81.581	ng/ul	100
90) Benzo(b)fluoranthene	24.324	252	1139311	81.902	ng/ul#	96
91) Benzo(k)fluoranthene	24.394	252	1008439	78.406	ng/ul#	95
93) Benzo(a)pyrene	25.275	252	1038356	78.874	ng/ul#	95
94) Indeno(1,2,3-cd)pyrene	29.458	276	1230701	81.666	ng/ul#	91
95) Dibenzo(a,h)anthracene	29.523	278	1018746	79.923	ng/ul#	94
96) Benzo(g,h,i)perylene	30.721	276	1028790	81.193	ng/ul#	88

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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